

● PRINTER RUSH ●

(PTO ASSISTANCE)

13/

Application :	08477983	Examiner :	Saoud	GAU :	1647	
From:	NPB	Location:	IDC	FMF FDC	Date:	12/16/05
Tracking #:		epm 08477983		Week Date:	09/26/05	

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS		<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM		<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input checked="" type="checkbox"/> DRW	10/06/99	
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input type="checkbox"/> SPEC		

#2

ATTN : CHIEF DRAFTS PERSON OF THE OFFICE OF PATENT PUBLICATION

[RUSH] MESSAGE:

Drawing sheets dated 10/06/99 are illegible for capture.
Please provide replacement sheets.

Thankyou

[XRUSH] RESPONSE:

Duey corrected

INITIALS: WJ

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

FIG. I

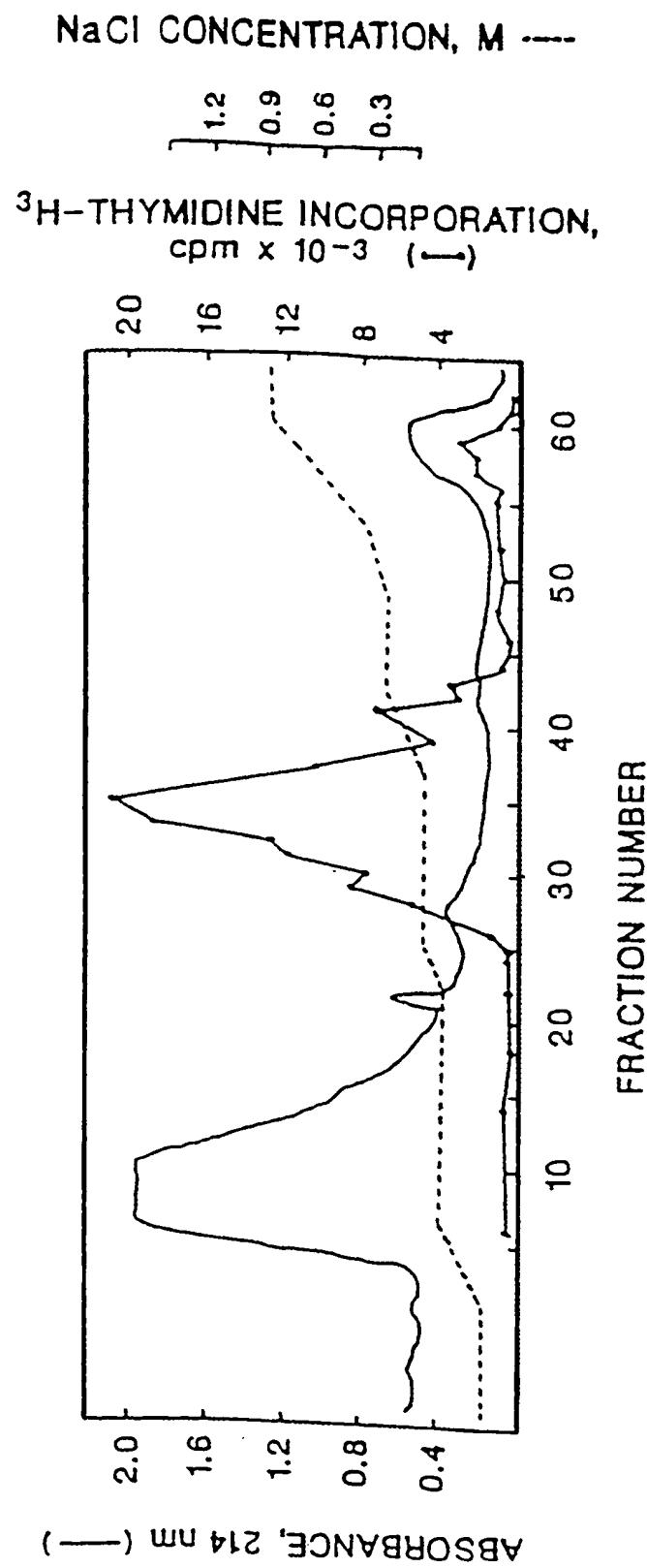


FIG. 2A

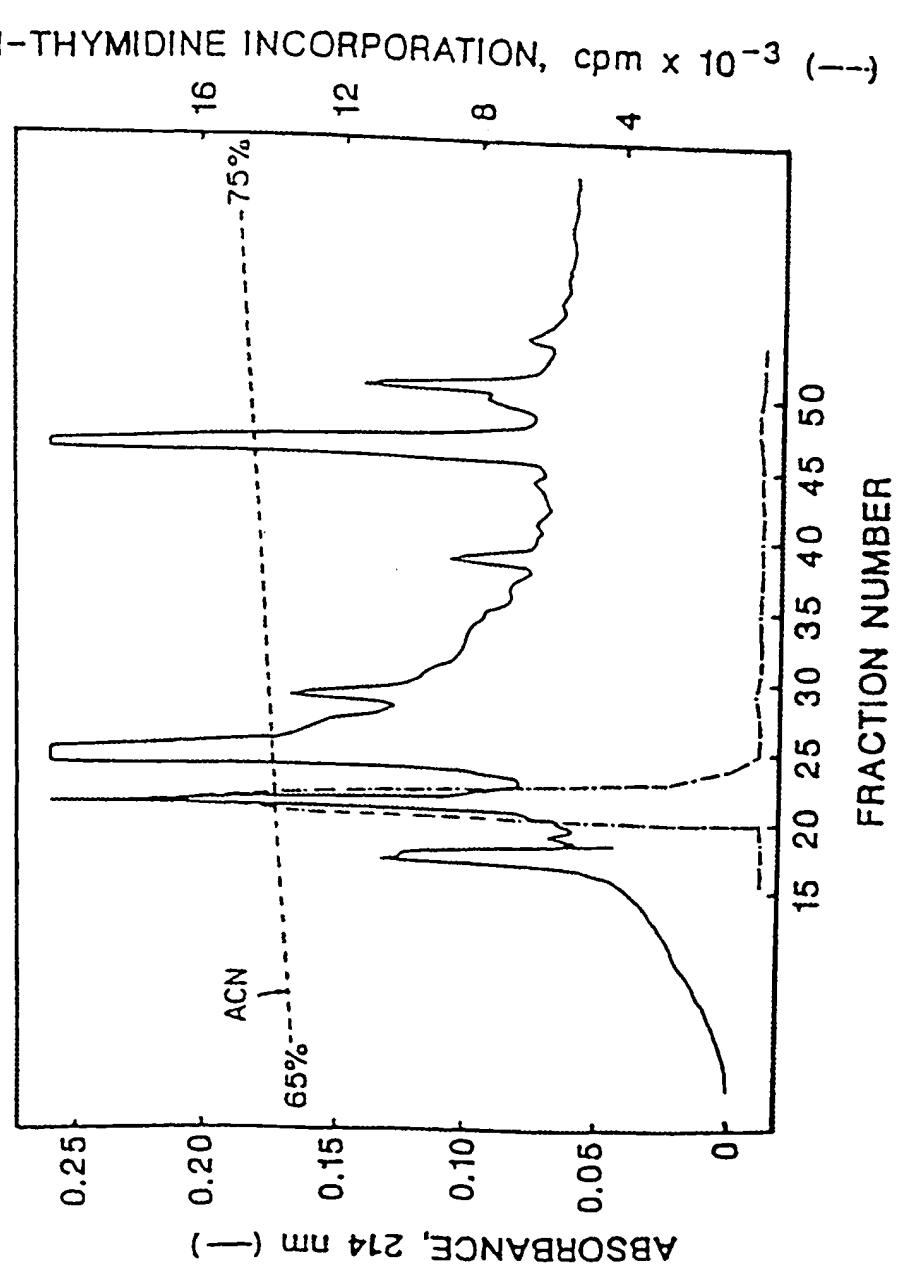


FIG. 2C

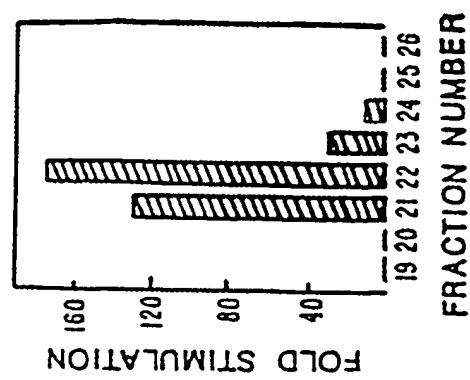


FIG. 2B

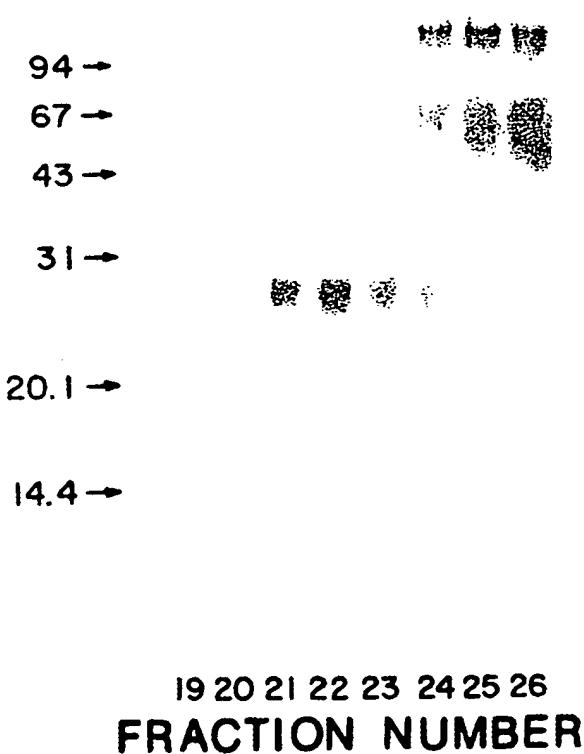


FIG. 3

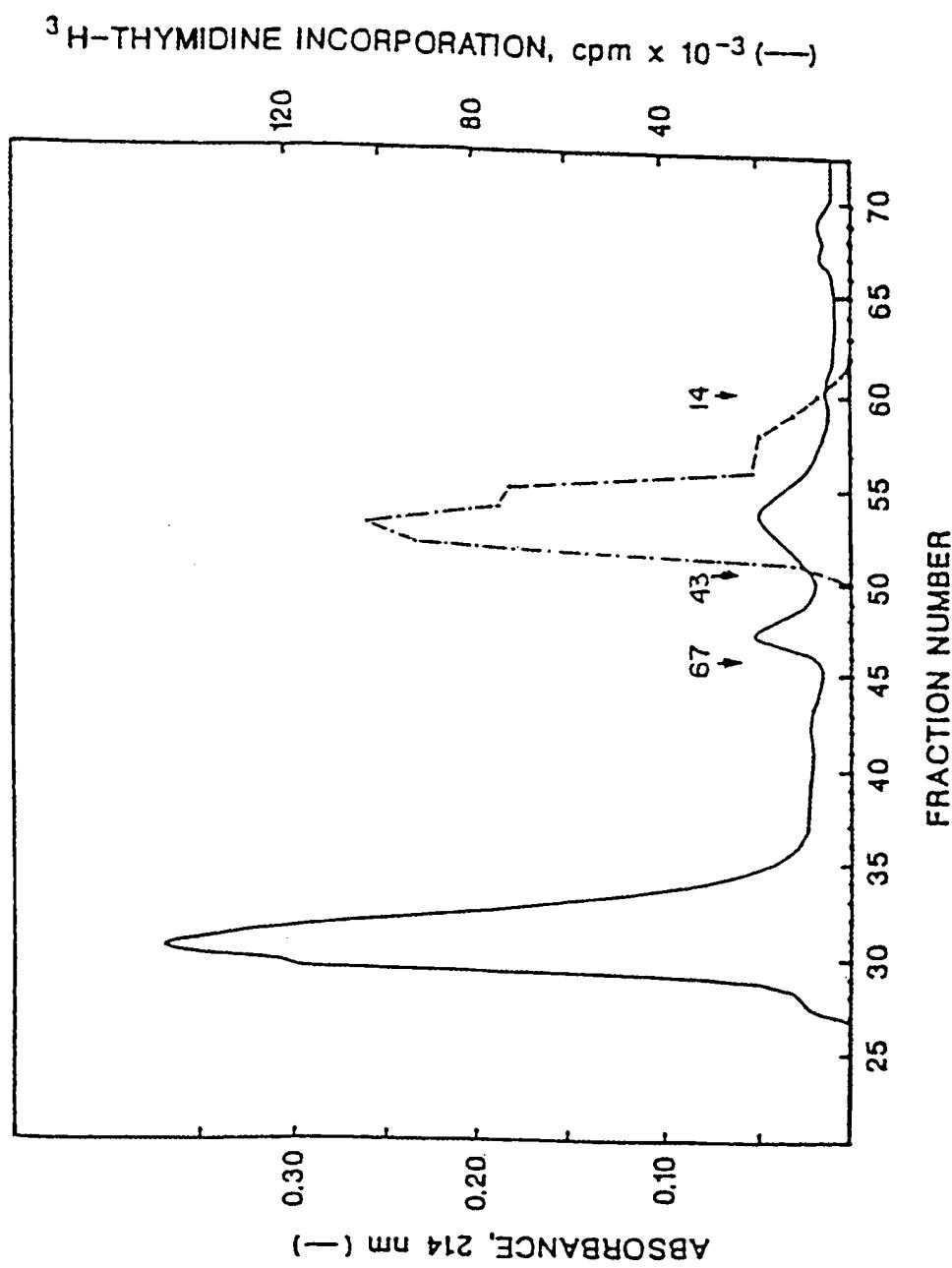
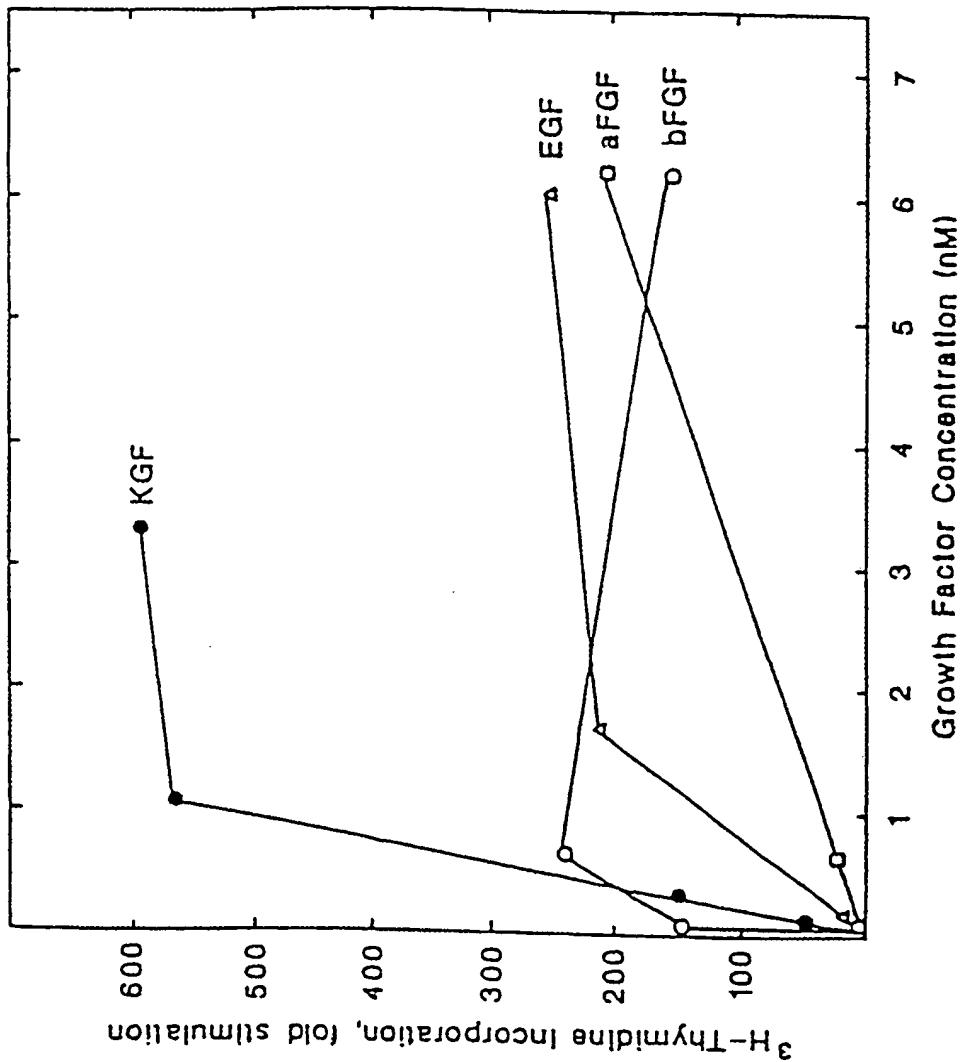


FIG. 4



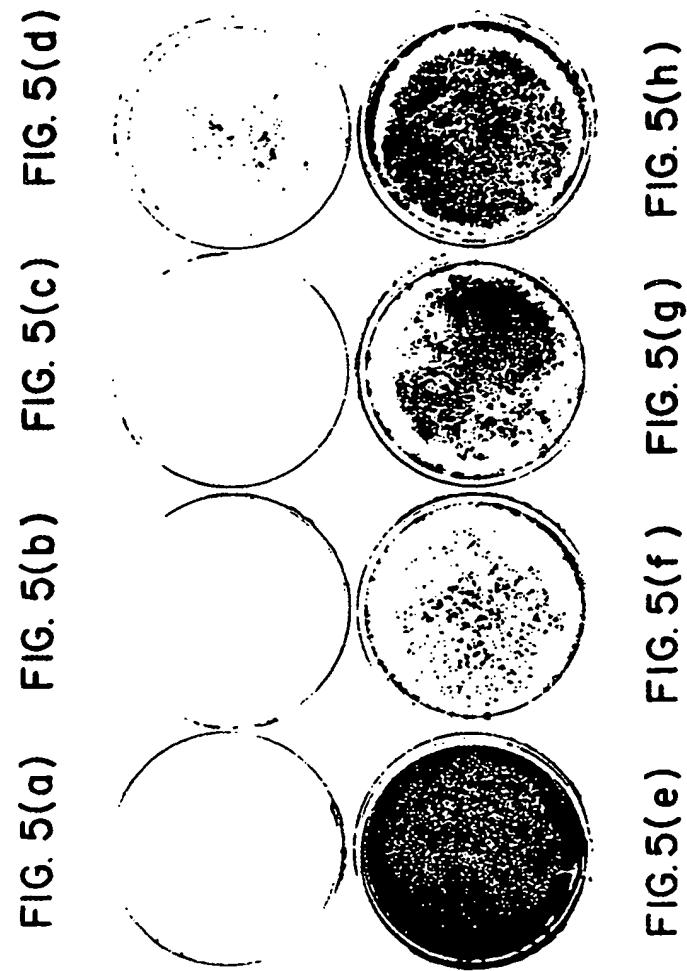


FIG. 6

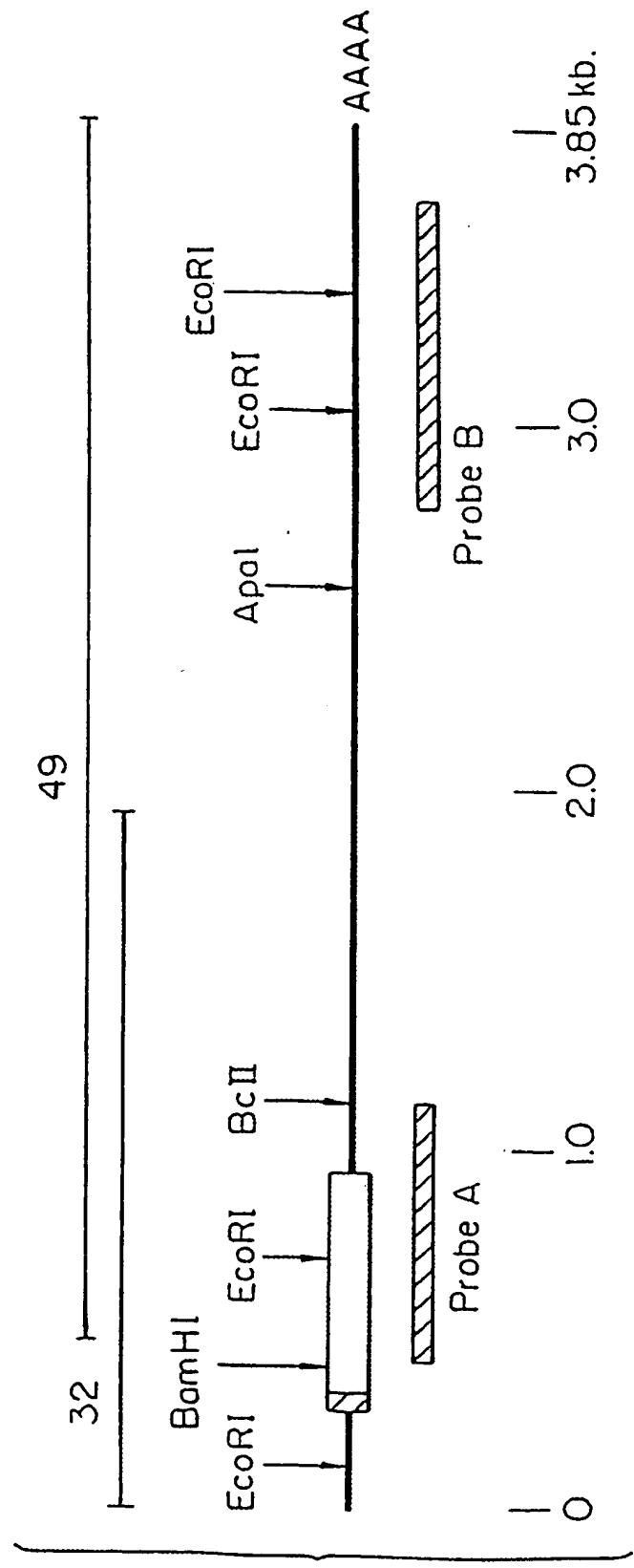


FIG. 7A

7B

1 ACGCGCTCACACACAGAGAGAAAATCCTTCTGCCTGTTG
 121 GCACCAGGCAGACAACAGACATGGAATTCTTATATATCC
 241 TTATCAACAGAGTTATTAAGGAGGAATCCTGTGTTGTT

361 AAGAGGTCAATGACCTAGGAGTAACAATCAACTCAAGAT

²⁰
 481 L L Y R S C F H I I C L V
 TTTGCTCTACACATCATGCTTACATTATCTGTCTAGT

⁶⁰
 601 T R S Y D Y M E G G D I R
 CACAAGAAGTTATGATTACATGGAAGGGAGGGATATAAG

¹⁰⁰
 721 N N Y N I M E I R T V A V
 GAATAATTACAATATCATGAAATCAGGACAGTGGCAGT

¹⁴⁰
 841 C N E D C N F K E L I L E
 ATGCAATGAAGATTGTAACCAAAGAACTAATTCTGGA

¹⁸⁰
 961 P V R G K K T K K E Q K T
 TCCTGTAAGAGGAAAAAAACGAAGAAAGAACAAAAAC

1081 TGGACTGTTTCTTCTTCTCAAAATTTCTTCTTT
 1201 ACACTGCATTAAGAAAGATTGAAAAGTATACACAAAA
 1321 TAAATTAAATTACCCCTAACAGAGTATGTTAGATTGATTA
 1441 GGTATATCAGACCTACAGGCTCTGGCAGGATTGTCAG
 1561 AATCAGAAAAAAATTCTCAAAAAAACTATTATGAAAGT
 1681 TCAAGTGGAAAGGGTATTGCTAAAAGGATGTTCCAAAA
 1801 CCTCAAAGTAAAATTGAGAAATCTTAAGTTTTCTAA
 1921 TTCCTATGGTTACAGCATTAAACTCTATTAAAGTTGTT
 2041 TTTTAATTAAAGGAAATAACAAAACGTCTGGCTCAAC
 2161 ATAAGAGCCTGAAGCAATGCTTACAATAGATGTCTCAC
 2281 ATATAAGTATTACAGGATTAAAGTTAGAATATATT
 2401 TGTTCAAAGGTGGCAGCACTGAAAGTTGTTCTGTT
 2521 CCTACAGATAACAGGATTATTACAAGGATGAATTCCAC
 2641 GTATGCTAACCAACTGTGGTTAATTCAAAATATTGT
 2761 CAATAGATTCAATTAAATTCTGTGGTTGACCTATACG
 2881 CACCTGATTCAAGGACTTGCTAGCTAGGTTTGAGGTC
 3001 GCAGACTATCTGTTCAATCAGTTTCAGTGTGAATT
 3121 TTAAATAGAAATAGTGTATATACATAAAATACAAGCT
 3241 ATTAGTGGTAATCCATTCTGGTAGTATAAGTCACCT
 3361 AAATTGCTCTAGTTACACACCTTAAAGATTCTAGAATA
 3481 GCTGGGTAGATATACAGCTGTACAAAGAGTCTAGATCAG
 3601 AGATATAGCCTTACATTGTAACACAAATGTGACTATGT
 3721 TCAATTCTGATTCTTACACCTTTGTTATGAATGGA
 3841 TCTAACATTAGAAAAAAAAAAAAAA

7B

FIG. 7B

7A

7C

ATTTATGGAAACAATTATGATTCTGCTGGAGAACCTTT
AGCTGTTAGCAACAAAACAAAAGTCAAATAGCAAACAG
ATCAGGAACTAAAAGGATAAGGCTAACAAATTGGAAAG

TCATTTCATATGTTATTCATGAACACCCGGAGCACT

G T I S ³⁰ L A C N D M T P
CGGTACTATATCTTAGCTTGCAATGACATGACTCCAG

V R R L F C R T Q W Y L
AGTGAGAAGACTCTTCTGTCGAACACAGTGGTACCTGA

G I V A I K G V E S E F
TGGAATTGTGGCAATCAAAGGGGTGGAAAGTGAATTCT

N H Y N T Y A S A K W T
AAACCATTACAACACATATGCATCAGCTAAATGGACAC

A H F L P M A I T *
AGCCCACCTTCTCCTATGGCAATAACTTAATTGCATA

ATTTTTAGTAATCAAGAAAGGCTGGAAAAACTACTGA
ATCAGATTTAGTAACTAAAGGTTGTAAAAAAATTGTAAA
TCTGATAATGATTATTTAAATATTCTATCTGCTTATA
ATAATCAAGCCACACTAACTATGGAAAATGAGCAGCAT
CAATAAAATAGATAATTAAACAAAAGTACAGGATTAGA
ATCTTGTATATAAGATAGCAACAGTGTGATTGATAAT
GTAACATAATCTATCTTGTATAATTCTATATTGGAA
TTTGAACCTTATTGTTTGTATTAAAGTTATGTTAT
GGCAAGTTCCCTCCCTTTCTGACTGACACTAAGTCT
CAGAACAAATACAAATATGTAAAAACTCTTCAACCACAT
GAATGCATGGTAGAAAATATCATATTAAACTATG
AGATGGCAAGAGCACAATGCCAAAATAGAAGATGCAG
TTCAAAAGTCTTCATTGGCAGATCTGGTAGCACTT
CATTCAAGTCCCTTACATAAAATAGTATTGGTAATAC
ACCAGGATGTAGAAAACTAGAAAGAACTGCCCTCCTC
AGGCTTCAGTAACTGTAGTCTTGTGAGCATATTGAGGG
ACTGAATGTTTATAGACAAAAGAAAATACACACTAAAA
ATGTTAGGACCAATGCTCTTGTCTATGGAGTTATAC
AAAAAAAGACTCTAGAAATATGTACTTTAATTATTGT
TTAAAAACTGTAAGGGGCCTCCATCCCTCTTACTCATT
TTAGCACATGCTTCTACTCTTCGATTATTAGTATTAT
CTTGGCAATGCACCTTCATACACAATGACTAATCTATAC
AAGCTTGTGCAAAATATACATATAAGCAGAGTAAGCC

7A

7C

FIG. 7C

7B

CAGCTGAGAAATAGTTTAGCTACAGTAGAAAGGCTCAAGTT
 CGTCACAGCAACTGAACTTACTACGAACGTAAAAATTGAGGAT
 AGCAAGTACTCTTCTTAAATCAATCTACAATTACAGATAGG

 M H K W I L T W I L P T 10
 ACACATATAATGCACAAATGGATACTCACATGGATCCCTGCCAAC

 E Q M A T N V N C S S P E R H 50
AGCAAATGGCTACAAATGTGAACGTGTTCCAGCCCTGAGCGACA

 R I D K R G K V K G T Q E M K 90
GGATCGATAAAAGAGGCAAAAGTAAAAGGGACCCAAGAGATGAA

 Y L A M N K E G K L Y A K K E 130
ATCTTGCAATGAACAAGGAAGGAAAACCTCTATGCAAAGAAAAGA

 H N G G E M F V A L N Q K G I 170
ACAACGGAGGGAAATGTTGTTGCCTTAAATCAAAAGGGGAT

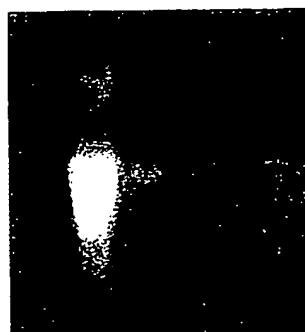
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 ACTGGTTGTACAATCATGATGTTAGTAACAGTAATTTTTCT
 AAATGGCTGCTATAATAATAATAACAGATGTTGTTATATAA
 TTTAAATGCTTTCTAGTAAAAAATTATAATCTACTTAAACTCT
 ACATGCTTATACCTATAAATAAGAACAAAATTCTAATGCTGC
 ACTGTACTTCATCTTACTTGCACAAAATAACATTATAAAT
 TATGGCTTTAATAATGTTCTTCCCACAAATAATCATGCTTT
 TTATAAAAAAAAAACCTTAATAAGCTGTATCTGTTCATATGC
 AGCACACAGCACTGGGCCAGCAAATCCTGGAAAGCAGACAAA
 ATTCTTGCCAATTAAATTGGATCATATAAGTAAAATCATTACAA
 TATATTAAATTAGTAATTCTAATCTCTAGAAATCTCTGC
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 AGATATACTCTGGGAGAGAGCATGAATGGTATTCTGAACTAT
 CAGAGGAGGACTTAGTTTCAATATGTGTTCCCTAGTGCCTA
 CTAATCTTCATTTAAAAGGTAACACATGACTATACAGAAAT
 TTCCCATCAAATTACATAGCAATGCTGAATTAGGCAAAACCAAC
 ·TTTCTCCTATTAAATTATTATGCAAATTAGAAAATA
 GTAGTCTAGGAAATTGAGATTGATACACCTAACGGTCACGCA
 TAGCTAATGGTCTTGGCATGTTTGTGTTTATTCTGTTG
 TGTGATGATTGACTCAAAAGGAGAAAAGAAATTATGTAGTT
 TTTAAAAATGTTCTTGAAGATAAAATACATGAGTT

7B

FIG. 8

a b c d



-28S

-18S

FIG. 9

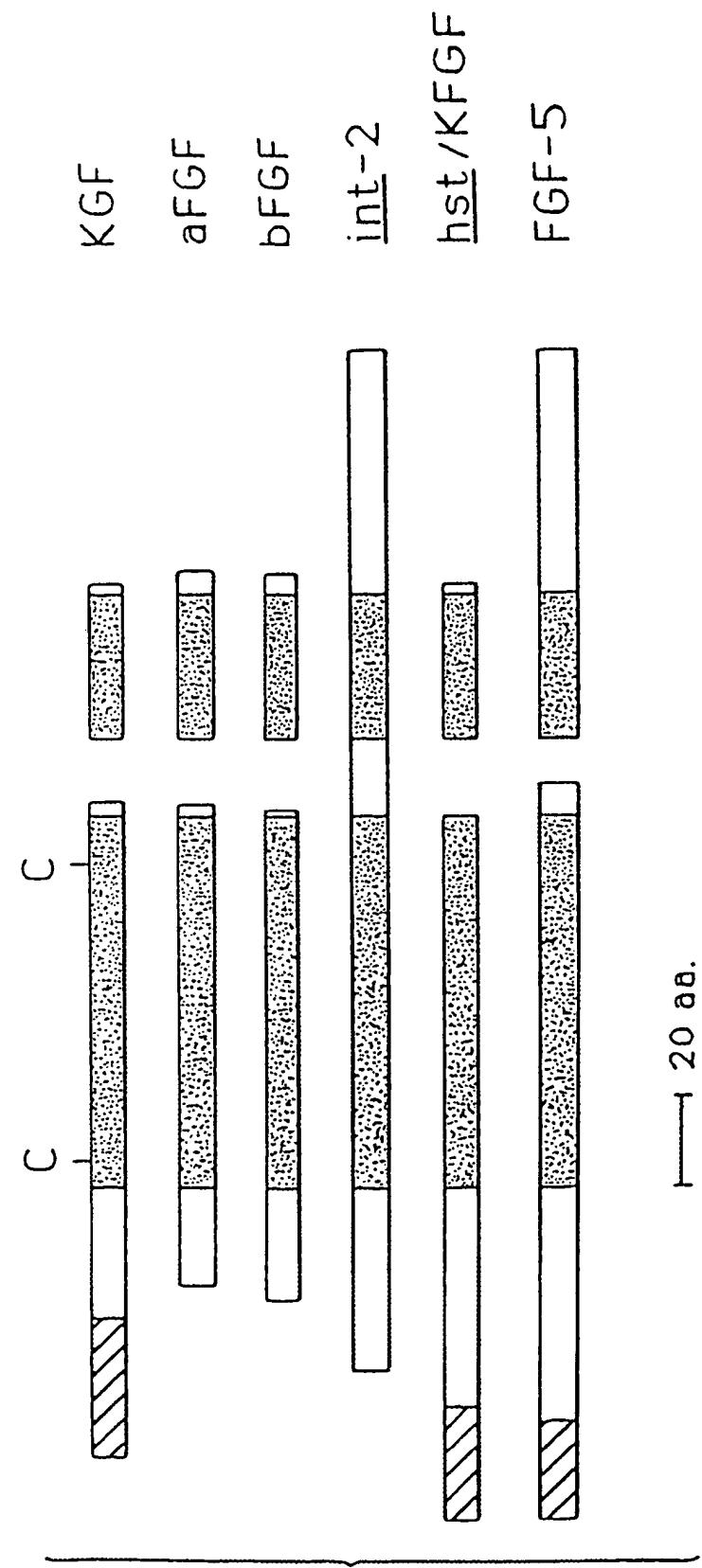


FIG. 10

